

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8493	(lg and chem).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:12
L2	76	(lg and chem).as. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:12
L3	13	(lg and chem).as. and (membrane adj electrode) and (spray or nozzle near catalyst)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:13
L4	575072	(lee won-ho).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:15
L5	208	(lee and won-ho).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:15
L6	0	(lee and won-ho).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:15
L7	52	(lee and won-ho).in. and catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:15

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L8	16	(lee and won-ho).in. and (spray or nozzle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:17
L9	351	427/210.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:18
L10	249	427/210, "209".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:19
L11	1516	427/210,209.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:19
L12	8758	427/210,209,115,421.1,422,424,427.3,255. 7,255.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:20
L13	3066	427/210,209,115,421.1,422,424,427.3,255. 7,255.5.ccls. and (catalyst with nozzle or spray)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:20
L14	213	427/210,209,115,421.1,422,424,427.3,255. 7,255.5.ccls. and (catalyst with nozzle or spray)and catalyst with solution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:20

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L15	18	427/210,209,115,421.1,422,424,427.3,255.7,255.5.ccls. and (catalyst with nozzle or spray)and catalyst with solution with (heat\$3 or preheat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:21
L16	0	118/302.ccls. and (catalyst with nozzle or spray)and catalyst with solution with (heat\$3 or preheat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:24
L17	628	118/302.ccls. and (spray or nozzle)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:25
L18	198	118/302.ccls. and (spray or nozzle) with (solution or solvent or slurry)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:25
L19	1	118/302.ccls. and (spray or nozzle) with (solution or solvent or slurry) with catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:25
L20	121	"429".clas. and (spray or nozzle) with (solution or solvent or slurry) with catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:26
L21	5	"429".clas. and (spray or nozzle) with (solution or solvent or slurry) with catalyst with (heat\$3 or preheat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:27

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L22	393	(lee and sang-hyun).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:53
L23	12	(lee and sang-hyun).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:53
L24	8	(park and kyoung-il).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:56
L25	10	(moon and go-young).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:56
L26	9	(yoo and hwang-chan).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:57
L27	0	(shung and ha-chull).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:58
L28	8	(chung and ha-chull).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:58

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L29	8	(song and seong-min).in. and (membrane adj electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/02 08:58
S1	1	10/591059	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:00
S2	99	gas heat\$3 same sprayer	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:35
S3	549	gas heat\$3 same atomiz\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:38
S4	59	gas pre\$1heat\$3 same atomiz\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:38
S5	211	gas pre\$1heat\$3 same spray\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:38
S6	2	gas pre\$1heat\$3 same atomiz\$3 and fuel cell	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/02/01 08:39
S7	817	spray\$3 with nozzles with alternately	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:17

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S8	1	spray\$3 with nozzles with alternately with catalyst with solution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:18
S9	64	spray\$3 with nozzles with alternately with solution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:18
S10	0	spray\$3 with nozzles with alternately with solution same fuel adj cell	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:19
S11	64	spray\$3 with nozzles with alternately with solution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:19
S12	1	spray\$3 with nozzles with alternately with solution with carrying adj gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:27
S13	4	spray\$3 with nozzles with alternately with solution with gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:28
S14	7	"981404".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:29

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S15	704	spray\$3 with nozzle with membrane	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:31
S16	4	spray\$3 with nozzle with membrane with (catalyst adj solution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:31
S17	0	gas near (heat\$3 or preheat\$3) near (boiling adj point) near (solvent or solution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:44
S18	1128	gas with (heat\$3 or preheat\$3) with (boiling adj point) with (solvent or solution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:45
S19	135	gas with (heat\$3 or preheat\$3) with higher near (boiling adj point) with (solvent or solution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 09:45
S20	26	(heat\$3 or preheat\$3) near (solution or solvent) near below near (boiling adj point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 10:06
S21	0	carry\$3 near gas near nozzle near spray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 11:06

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S22	142	carry\$3 near3 gas with nozzle with spray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 11:06
S23	22	carry\$3 near3 gas with nozzle with spray with (catalyst or solution or solvent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 11:06
S24	5	((("6811806") or ("5092959")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/01 11:14
S25	13	(catalyst adj solution) near (boiling adj point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 13:50
S26	4	"6391986"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 14:42
S27	0	"10105474".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:00
S28	8	"105474".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:00



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S29	8	"105474".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:13
S30	573	(membrane adj electrode) and (spray or nozzle) with solution	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:16
S31	484	(membrane adj electrode) and (spray or nozzle) with catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:17
S32	59	(membrane adj electrode) with (spray or nozzle) with catalyst	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:17
S33	4	(membrane adj electrode) with (spray or nozzle) with catalyst with heat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 15:17
S34	112	(membrane adj electrode) and catalyst near (ink or solution) with spray	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 16:01
S35	13	(membrane adj electrode) and catalyst near (ink or solution) with spray with nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/01 16:02

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S36	2	("6391986").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/02/01 18:25
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